Amendments to the Abstract:

Please replace the abstract with the following amended abstract:

This invention relates to parallel ~~Parallel~~ architecture digital filter and signal receiver with spectrum spreading using such a filter. ~~The,~~ the filter ~~comprises~~ may have p shift registers (R^P, R^i) with means for calculating a weighted sum of stored samples in the registers. ~~Thus,~~ p weighted sums (S_k^P, S_k^i) ~~are obtained which~~ may be obtained and recombined. ~~Number~~ with number p being, for example, equal to 2.

~~Application in digital transmissions with spectrum spreading.~~

~~Fig. 4C~~

Abstract:

This invention relates to parallel architecture digital filter and signal receiver with spectrum spreading using such a filter, the filter may have p shift registers (R^P, R^i) with means for calculating a weighted sum of stored samples in the registers, p weighted sums (S_k^P, S_k^i) may be obtained and recombined with number p being, for example, equal to 2.